=> b reg

Welcome to STN International! Enter x:x LOGINID:ssptajs11623 PASSWORD: TERMINAL (ENTER 1, 2, 3, OR ?):2 \* Welcome to STN International Web Page for STN Seminar Schedule - N. America NEWS 2 DEC 01 ChemPort single article sales feature unavailable NEWS 3 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN NEWS 4 JUN 26 NUTRACEUT and PHARMAML no longer updated NEWS 5 JUN 29 IMSCOPROFILE now reloaded monthly NEWS 6 JUN 29 EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields NEWS 7 JUL 09 PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields NEWS 8 JUL 14 USGENE enhances coverage of patent sequence location (PSL) data NEWS 9 JUL 27 CA/CAplus enhanced with new citing references NEWS 10 JUL 16 GBFULL adds patent backfile data to 1855 NEWS 11 JUL 21 USGENE adds bibliographic and sequence information NEWS 12 JUL 28 EPFULL adds first-page images and applicant-cited references NEWS 13 JUL 28 INPADOCDB and INPAFAMDB add Russian legal status data NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009. NEWS HOURS STN Operating Hours Plus Help Desk Availability NEWS LOGIN Welcome Banner and News Items Enter NEWS followed by the item number or name to see news on that specific topic. All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties. FILE 'HOME' ENTERED AT 08:42:31 ON 07 AUG 2009

 COST IN U.S. DOLLARS
 SINCE FILE
 TOTAL

 FULL ESTIMATED COST
 6.22
 0.22

FILE 'REGISTRY' ENTERED AT 08:42:53 ON 07 AUG 2009
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STRUCTURE FILE UPDATES: 5 AUG 2009 HIGHEST RN 1173150-47-4
DICTIONARY FILE UPDATES: 5 AUG 2009 HIGHEST RN 1173150-47-4

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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http://www.cas.org/support/stngen/stndoc/properties.html

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E1
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                FENOFEN M/CN
E2
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E3
E4
           1 FENOFIBRATE-FOLIC ACID-VITAMIN B6 MIXT./CN
E5
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E6
           1
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E7
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E10
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E12
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L1
           1 FENOFIBRATE/CN
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## => d 11

- L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 49562-28-9 REGISTRY

=> e fenofibrate/cn

- ED Entered STN: 16 Nov 1984
- CN Propanoic acid, 2-[4-(4-chlorobenzoyl)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

## OTHER NAMES:

- CN Ankebin
- CN Antara
- CN Clorofibrate
- CN Elasterin
- CN Fenobrate CN Fenofibrate
- CN Fenoribra
- CN Fenotard

```
CN
    Isopropv1 2-[p-(p-chlorobenzov1)phenoxv1-2-methylpropionate
CN
    LF 178
CN Lipanthyl
CN Lipantil
CN Lipicard
CN Lipidil
CN
    Lipidil Supra
CN
    Lipirex
CN Lipoclar
CN Lipofene
CN Liposit
CN
    Lipsin
CN
    MeltDose
CN
    Nolipax
CN NSC 281319
CN Procetofen
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CN
    Procetoken
CN Protolipan
CN Secalip
CN
   TriCor
MF
    C20 H21 C1 O4
CT
    COM
LC
    STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS,
       BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM,
       CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH,
       IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK*,
       PHAR, PIRA, PROMT, PS, RTECS*, SYNTHLINE, TOXCENTER, ULIDAT, USAN,
      USPAT2, USPATFULL
         (*File contains numerically searchable property data)
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Other Sources: EINECS\*\*, WHO

Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2028 REFERENCES IN FILE CA (1907 TO DATE)
21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2038 REFERENCES IN FILE CAPLUS (1907 TO DATE)

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

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=> e voglibose/cn
E1
            1
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E2
                  VOGGITE (NA2ZR(CO3)(OH)(PO4).2H2O)/CN
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E4
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E5
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E6
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E7
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E11
                   VOK-60/CN
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E12
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                   VOK-63/CN
=> s e3
1.2
             1 VOGLIBOSE/CN
=> d 12
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN
     83480-29-9 REGISTRY
ED
    Entered STN: 16 Nov 1984
CN
    D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-
     C-(hydroxymethyl)- (CA INDEX NAME)
OTHER NAMES:
CN
    A 71100
    AO 128
CN
CN
    Basen
CN
    Glustat
CN
    N-(1,3-Dihydroxy-2-propyl)valiolamine
CN
     Voglibose
     Voglistat
CN
FS
     STEREOSEARCH
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DR
ME
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CI
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LC
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                  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS,
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       DRUGU, EMBASE, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT,
       IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, PROUSDDR, PS, RTECS*,
       SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

320 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
322 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> b caplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION

15.28 15.50

FILE 'CAPLUS' ENTERED AT 08:43:25 ON 07 AUG 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 7 Aug 2009 VOL 151 ISS 7 FILE LAST UPDATED: 6 Aug 2009 (20090806/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

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http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

=> s 11 and 12 and pv<=2005 2039 L1

> 322 T.2 26321211 PY<=2005

8 L1 AND L2 AND PY<=2005

=> d 13 1-8 ibib abs hitstr

L3 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN 2005:1075524 CAPLUS

ACCESSION NUMBER:

DOCUMENT NUMBER: 143:367288

TITLE: Preparation of 1,6-naphthyridine and 1,8-naphthyridine

derivatives and their use to treat diabetes and related disorders

Heurich, Rainer

INVENTOR(S):

L3

PATENT ASSIGNEE(S):

Bayer Pharmaceuticals Corporation, USA

PCT Int. Appl., 302 pp. CODEN: PIXXD2

DOCUMENT TYPE:

SOURCE:

Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	TENT :		KIN	D	DATE			APPL	ICAT	ION :	NO.		D	ATE				
						_												
WO	2005	0918	57		A2		2005	1006		WO 2	005-	US53	67		2	0050	224	<
WO	2005	0918	57		A3		2006	1005										
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	
		SY,	ΤJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	zw
	RW:	BW,	GH,	GM,	ΚE,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	
		ΑZ,	ΒY,	KG,	ΚZ,	MD,	RU,	TJ,	TM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IS,	IT,	LT,	LU,	MC,	NL,	PL,	PT,	
		RO,	SE,	SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	
		MR,	ΝE,	SN,	TD,	TG												

PRIORITY APPLN. INFO.: OTHER SOURCE(S):

US 2004-552971P P 20040312

CASREACT 143:367288; MARPAT 143:367288

GI

The title compds. I and II [R1 = alkyl, alkenyl, alkynyl, aryl, etc.; R2 = AB NR15R16, S(0)0-2R17, OR17 (wherein R15 = H, alkyl, cycloalkyl, etc.; R16 = alkyl, alkenyl, aryl, etc.; R17 = alkyl, alkenyl, aryl, etc.); R3 = aryl, heteroaryl, cycloalkyl, etc.; R4 = O, S, OR21 (R21 = H, alkyl, cycloalkyl, etc.); R5-R8 = cvcloalkvl, arvl, heteroarvl, etc.], useful for the treatment of diabetes and related disorders (no specific biol. data given), were prepared Thus, reacting

7-chloro-5-methyl-1-phenyl-2-phenylamino-1H-[1,8]naphthyridin-4-one with morpholine in dioxane afforded 92%

5-methyl-7-(morpholin-4-yl)-1-phenyl-2-phenylamino-1H-[1,8]naphthyridin-4one. The pharmaceutical compns. containing the compds. I alone or in combination with other therapeutic agents are disclosed.

49562-28-9, Fenofibrate 83480-29-9, Voglibose

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(co-drug; preparation of 1,6-naphthyridine and 1,8-naphthyridine derivs. for treating diabetes and related disorders)

RN 49562-28-9 CAPLUS

CN Propanoic acid, 2-[4-(4-chlorobenzov1)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

RN 83480-29-9 CAPLUS

CN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:823553 CAPLUS

DOCUMENT NUMBER: 143:199940

TITLE: Combination drug containing antihyperlipidemics and \$\alpha - \text{glucosidase inhibitors}\$

INVENTOR(S): Kanazawa, Hashime; Ishitani, Kouki; Sudo, Katsuichi;

Tanimori, Naoto

PATENT ASSIGNEE(S): Grelan Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 33 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PAT	ENT	NO.			KIN	D :	DATE		1	APPL	ICAT	ION :	NO.		D	ATE		
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		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO.	NZ.	OM.	PG.	PH.	PL.	PT.	RO.	RU.	SC.	SD.	SE.	SG.	SK.	SL.	SY.	

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             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
            MR, NE, SN, TD, TG
     CA 2555316
                                20050818
                                            CA 2005-2555316
                                                                   20050208 <---
                          A1
     EP 1714648
                         A1
                                20061025
                                            EP 2005-709853
                                                                   20050208
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             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,
             BA, HR, IS, YU
     US 20070197602
                          A1
                                20070823
                                            US 2006-588725
                                                                   20060808
PRIORITY APPLN. INFO.:
                                            JP 2004-32329
                                                                A 20040209
                                            WO 2005-JP1801
                                                                W 20050208
```

- AB Disclosed is a drug which contains a combination of the active ingredients comprising at least one remedy for hyperlipemia selected from the group consisting of fibrate compds. (fenofibrate, bezafibrate, salts thereof, etc.) and HMG-CoA reductase inhibitors (statin compds. such as prawatatin, atorvastatin, salts thereof, etc.) with an a-glucosidase inhibitor (voglibose, acarbose, etc.). The content of the a-glucosidase inhibitor may be from 0.001 to 50 parts by weight per 100 parts by weight of the remedy for hyperlipemia. Thus, it is possible to provide a drug having excellent effects of preventing and/or treating metabolic syndrome, hyperlipemia, diabetes, diabetic complications, etc. with little side effect. For example, the effect of combination of fenofibrate and voglibose was examined in streptozotocin-induced diabetic rats. Also, a tablet containing fenofibrate 100, voglibose 0.2, lactose 69.2, fine crystalline cellulose 29.6, magnesium stearate 1 my was formulated.
- fine crystalline cellulose 29.6, magnesium stearate  $\bar{1}$  mg was formulated. IT 49562-28-9, Fenofibrate 83480-29-9, Voglibose RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (combination drug containing antihyperlipidemics and  $\alpha$ -qlucosidase
- inhibitors) RN 49562-28-9 CAPLUS
- CN Propanoic acid, 2-[4-(4-chlorobenzoyl)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

- RN 83480-29-9 CAPLUS
- CN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)- (CA INDEX NAME)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:729537 CAPLUS

DOCUMENT NUMBER: 143:211920

TITLE: Preparation of diacylglycerol acyltransferase (DGAT1)

inhibitors as anorectics.

INVENTOR(S): Ogawa, Nobuya; Okuma, Chihiro; Furukawa, Noboru PATENT ASSIGNEE(S): Japan Tobacco Inc., Japan; Amgen Sf, LLC

PATENT ASSIGNEE(S): Japan Tobacco Inc., Japan; SOURCE: PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

W0 2005072740	PA:	TENT :	NO.			KIN		DATE			APPL	ICAT	ION I	NO.		D	ATE	
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EP 1718309 A2 20061108 EP 2005-704403 20050128 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,																		
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU  CN 1913899 A 20070214 CN 2005-80003524 20050128  JP 2007519605 T 20070719 JP 2006-924132 20050128  US 20070027093 A1 20070201 US 2006-495095 20060728  KR 2006114376 A 20061106 KR 2006-717527 20060830	131																	
CN 1913899 A 20070214 CN 2005-80003524 20050128 JP 2007519605 T 20070719 JP 2006-524132 20050128 US 20070027093 A1 20070201 US 2006-495095 20060728 KR 2006114376 A 20061106 KR 2006-717527 20060830			ΙE,	SI,	LT,	LV,												
JP 2007519605         T         20070719         JP 2006-524132         20050128           X2 20070027093         Al         20070201         US 2006-495095         20060728           KR 2006114376         A         20061106         KR 2006-717527         20060830	ON							2007	0014		ON 0	005		2524			0050	100
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IN 2006CN03150 A 20070608 IN 2006-CN3150 20060830																_		
RIORITY APPLN. INFO.: JP 2004-24812 A 20040130						11		2007	0000									

OTHER SOURCE(S):

GI

AB Claimed are anorectics comprising as active ingredients compds. having DGAT inhibitory activity (DGAT1 inhibitory activity) or a prodrugs or a pharmaceutically acceptable salts thereof. Thus, title compound (I) (preparation

I

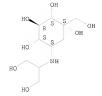
given) at 10 mg/kg orally in rats gave a 30% reduction in food consumption after 8 h.

IT 49562-28-9, Fenofibrate 83480-29-9, Voglibose

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (coadministration; preparation of diacylglycerol acyltransferase (DGAT1) inhibitors as anorectics)

- RN 49562-28-9 CAPLUS
- CN Propanoic acid, 2-[4-(4-chlorobenzoyl)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

- RN 83480-29-9 CAPLUS
- CN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD

(3 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:120729 CAPLUS

DOCUMENT NUMBER: 142:219276

TITLE: Preparation of 5-substituted 2H-pyrazole-3-carboxylic acid derivatives as agonists for the RUP25 nicotinic

acid receptor for the treatment of dyslipidemia and related diseases

INVENTOR(S): Semple, Graeme; Gharbaoui, Tawfik; Shin, Young-Jun;
Decaire, Marc; Averbuj, Claudia; Skinner, Philip J.

PATENT ASSIGNEE(S): Arena Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 130 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PA	TENT	NO.			KIN	D :	DATE			APPL	ICAT:	ION I	NO.		DZ	ATE		
WO	2005	0116	77		A1		2005	0210		WO 2	004-	US18:	389		20	0040	610	<
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	
		TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	
	AZ, BY,			KG,	KZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	
	EE, ES,			FI,	FR,	GB,	GR,	HU,	IE,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,	
		SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	
		SN,	TD,	TG														
AU	2004	2606	36		A1		2005	0210		AU 2	004-	2606	36		20	0040	610	<
CA	2528	834			A1		2005	0210		CA 2	004-	2528	834		20	0040	610	<
EP	EP 1633351						2006	0315		EP 2	004-	7764	18		20	0040	610	
	R:	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,			
		IE,	SI,	FI,	RO,	CY,	TR,	BG,	CZ,	EE,	HU,	PL,	SK					
US	2007	0032	537		A1		2007	0208		US 2	006-	5603	32		20	0060	908	
PRIORIT	Y APP	LN.	INFO	. :						US 2	003-	4786	64P	1	P 20	0030	613	
										WO 2	004-	US18:	389	1	W 20	0040	610	

AB Title compde. [I] W, Y = (substituted) alkylene, alkenylene, alkynylene; X = NR3CO, NR3SO2, NR3, CO, CH(OH), C(NH), O, S, SO, SO2, etc.; R3, R4 = H, (substituted) alkyl, Ph, heteroaryl; Z = H, halo, (substituted) Ph, heteroaryl; R1 = H, OH, halo, alkyl, haloalkyl; R2 = H, alkyl; m, n = 0, 1; with provisos], were prepared Thus, 5-methylthiomethyl-ZH-pyrazole-3-carboxylic acid (preparation outlined) showed RBUP25 agonist activity with ECSO = 4.3 µM.

- IT 49562-28-9, Fenofibrate 83480-29-9, Voglibose
  - RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
    (coadministration; preparation of pyrazolecarboxylates as agonists for the
    RUP25 nicotinic acid receptor for the treatment of dyslipidemia and
    related diseases)
- RN 49562-28-9 CAPLUS
- CN Propanoic acid, 2-[4-(4-chlorobenzoy1)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

- RN 83480-29-9 CAPLUS
- CN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)- (CA INDEX NAME)

## (7 CITINGS)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:14212 CAPLUS

DOCUMENT NUMBER: 142:107414

TITLE: Compositions comprising balaglitazone and further

antidiabetic compounds

INVENTOR(S): Wassermann, Karsten; Wulff, Erik Max

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den. SOURCE: PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

	TENT :						DATE			APPL						ATE		
																0040	624 <	_
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	ΚZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	
		ΤJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	
		AZ,	BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,	
		SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	
			TD,															
AU	2004	2509	94		A1		2005	0106		AU 2	004-	2509	94		2	0040	624 <	-
CA	2530	228			A1		2005	0106		CA 2	004-	2530:	228		2	0040	624 <	-
EP	1638	554			A1		2006	0329		EP 2	004-	7389	45		2	0040	624	
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
							TR,											
	2004																	
	1826																	
JP	2007	5066	49		T		2007	0322		JP 2	006-	5157	31		2	0040	624	
NZ	5443	07			A		2008	1224		NZ 2	004-	5443	07		2	0040	624	
	2007																	
	2006																	
	2006				A		2007	0530								0060		
RIORIT	Y APP	LN.	INFO	. :						DK 2								
										US 2								
										WO 2						0040		

- AB Methods for the treatment of type 2 diabetes and related conditions comprising the administration of balaglitazone in combination with one or more other antidiabetic compound is provided together with combinations useful in said treatment.
- IT 49562-28-9, Fenofibrate 83480-29-9, Voglibose
  RI: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
  (compns. comprising balaglitazone and further antidiabetic compds.)
  RN 49562-28-9 CAPLUS
- CN Propanoic acid, 2-[4-(4-chlorobenzoy1)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

RN 83480-29-9 CAPLUS

CN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:1124581 CAPLUS

DOCUMENT NUMBER: 142:69181

TITLE: Combination therapy for the treatment of hypertension INVENTOR(S): Fong, Tung M.; Erondu, Ngozi E.; Macneil, Douglas J.;

Mcintyre, James H.; Van Der Ploeg, Leonardus H. T.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PA:	TENT I	.00			KIN	D	DATE			APPL	ICAT	ION I	NO.		D	ATE		
						-									-			
WO	2004	1103	8 8		A2		2004	1223		WO 2	004-	JS17	090		2	0040	602 <	-
WO	2004	1103	68		A3		2006	0720										
	W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	ΚZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	
		TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1635773 A2 20060322 EP 2004-753832 20040602 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
US 20060160834 A1 20060720 US 2005-559111 20051202

PRIORITY APPLN. INFO.: US 2003-476390P P 20030606 W0 2004-US17090 W 20040602

## OTHER SOURCE(S): MARPAT 142:69181

AB The present invention relates to compns. comprising an anti-obesity agent and an anti-hypertensive agent useful for the treatment of hypertension, hypertension associated with obesity, and hypertension-related disorders. The present invention further relates to methods of treating or preventing obesity, and obesity-related disorders, in a subject in need thereof by administering a composition of the present invention. The present invention further provides for pharmaceutical compns., medicaments, and kits useful in carrying out these methods.

IT 49562-28-9, Tricor 83480-29-9, Voglibose Ri: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

> (combination therapy of hypertension and hypertension-related disorders using antiobesity agent and antihypertensive agent and other agents and antihypertensive agent)

RN 49562-28-9 CAPLUS

CN Propanoic acid, 2-[4-(4-chlorobenzoyl)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

RN 83480-29-9 CAPLUS

DN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)- (CA INDEX NAME)

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD

(3 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:878382 CAPLUS

DOCUMENT NUMBER: 141:350161

TITLE: Preparation of azole compounds as PTP1B inhibitors INVENTOR(S): Ikemoto, Tomovuki; Tanaka, Masahiro; Yuno, Takeo;

Sakamoto, Johei; Nakanishi, Hirovuki; Nakagawa, Yuichi; Ohta, Takeshi; Sakata, Shohei; Morinaga,

Hisavo

PATENT ASSIGNEE(S): Japan Tobacco Inc., Japan

SOURCE: PCT Int. Appl., 542 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	TENT NO.			KIN	D	DATE						NO.			ATE		
WO	2004089	918		A1		2004	1021								0040	409 -	<
	W: AE	AG,	AL,	AM,	AT.	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
	CN	co,	CR,	CU,	CZ	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
	GE	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	
	LK	LR,	LS,	LT,	LU	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
	NO	NZ,	OM,	PG,	PH.	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	
	TJ	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW: BW	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	
	BY	KG,	ΚZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	
	ES	FI,	FR,	GB,	GR,	HU,	ΙE,	ΙT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	
	SK	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	
		TG															
AU	2004228	565		A1		2004	1021		AU 2	004-	2285	65		2	0040	409 -	<
CA	2521830			A1		2004	1021		CA 2	004-	2521	830		2	0040	409 •	<
EP	1553091			A1		2005	0713		EP 2	004-	7267	65		2	0040	409 -	<
	R: AT	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙT,	LI,	LU,	NL,	SE,	MC,	PT,	
		, SI,															HR
	2004009					2006											
	1780823			A		2006											
	3819415			B2		2006											
	2005008					2007											
	2005272			A		2005						55				428 -	<
	2006012			A1		2006						46			0050		
	2005005					2005										108 -	<
	2005CN0			A		2007	0608					27		_	0051		
IORIT:	Y APPLN.	INFO	. :									67					
												90			0030		
												23					
									WO 2	004-	JP51	19		W 2	0040	409	
HER SO	DURCE (S)	•		MAR	PAT	141:	3501	61									

OTHER SOURCE(S): MARPAT 141:350161

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$$R = \begin{bmatrix} L \end{bmatrix}_{p} \begin{bmatrix} CH_{2} \end{bmatrix}_{n} X + \begin{bmatrix} R^{1} \\ C \end{bmatrix}_{m} X$$

$$Y = \begin{bmatrix} A \end{bmatrix}_{s} Z$$

$$I = \begin{bmatrix} A \end{bmatrix}_{s} Z$$

- AB Title compds. I [V = N, CH; W = S, O; m = 0-2; R1, R2 = H, alkyl; X = NR4, etc.; R4 = H, alkyl; n = 0-4; p = 0, 1; L = CR20R21, etc.; R20 = H, alkyl, etc.; R21 = H, alkyl, etc.; R = CO2R19, etc.; R19 = H, alkyl; B = aryl, heteroaryl; R3 = H, halo, etc.; Y = 0, etc.; S = 0, 1; A = (un)substituted alkylene with Cycloalkyl; Z = cycloalkyl, etc.] were prepared For example, O-alkylation of 5-hydroxynicotinic acid Me ester with compound II [Q = C1], e.g., prepared from 4-bromoacetylbenzoic acid in 5 steps, followed by saponification
  - afforded compound II [3-carboxypyridin-5-yloxy] in 44.1% overall yield. In PTP1B (protein tyrosine phosphatase 1B) inhibition assays, the IC50 value of compound II [0 = 3-carboxypyridin-5-yloxy] was 0.28  $\mu$ M. Compds. I are claimed useful for the treatment of obesity, diabetes, etc. Formulations are given.
- IT 49562-28-9, Fenofibrate 83480-29-9, Voglibose

  RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

  (medicaments with; preparation of azole compds. as PTP1B inhibitors for treatment of obesity and diabetes)

  RN 49562-28-9 CAPUUS
- CN Propanoic acid, 2-[4-(4-chlorobenzoy1)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

- RN 83480-29-9 CAPLUS
- CN D-epi-Inositol, 3,4-dideoxy-4-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-2-C-(hydroxymethy1)- (CA INDEX NAME)

OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD

(12 CITINGS)

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:333698 CAPLUS

DOCUMENT NUMBER: 140:357333

TITLE: Preparation of aroylhydroxypyrazoles for treatment of

metabolic disorders

INVENTOR(S): Semple, Graeme; Shin, Young Jun

PATENT ASSIGNEE(S): Arena Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 125 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PA'	TENT				KIN	D	DATE			APPL					D.	ATE		
						-												
WO	2004	0334	31		A2		2004	0422		WO 2	003-1	US31.	509		2	0031	002 <	<
WO	2004	0334	31		A3		2004	0729										
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BY,	ΒZ,	CA,	CH,	CN,	
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	GE,	
		GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	
		LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI,	NO,	NZ,	
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		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	zw			
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,	
		KG,	KZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	
		FI,	FR,	GB,	GR,	HU,	IE,	IT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,	TR,	
		BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG	
AU	2003	2826	79		A1		2004	0504		AU 2	003-	2826	79		2	0031	002 <	<
PRIORIT	Y APP	LN.	INFO	. :						US 2	002-	4161	93P	1	P 2	0021	004	
										US 2	002-	4171:	20P	1	P 2	0021	007	
										WO 2	003-1	US31	509	1	W 2	0031	002	

OTHER SOURCE(S): MARPAT 140:357333

GI

AB Title compds. [I; R1 = alkyl, haloalkyl, cycloalkyl, alkenyl, alkynyl, benzyl, optionally substituted with ≥1 halo, OH, cyano, NO2, haloalkyl, amino, aminoalkyl, aminodialkyl, alkyl, cycloalkyl, alkoxy, phenoxy, alkenyl, alkynyl, haloalkoxy, carboxy, carboalkoxy, alkylcarboxamido, arylcarboxamido, heteroarylcarboxamido, heterocyclic carboxamido, alkylthio, alkylsulfinyl, alkylsulfonyl, haloalkylthio, haloalkylsulfinyl, haloalklcylsulfonyl, alkylureyl, arylureyl; R2 = H, alkyl, haloalkyl, cycloalkyl, alkenyl, alkynyl, PhCH2, Ph, heteroaryl, optionally substituted with ≥1 halo, OH, cyano, nitro, haloalkyl, amino, aminoalkyl, aminodialkyl, alkyl, cycloalkyl, alkoxy, phenoxy, alkenyl, alkynyl, haloalkoxy, carboxy, carboalkoxy, alkylcarboxamido, arvlcarboxamido, heteroarvlcarboxamido, heterocyclic carboxamido, alkylthio, alkylsulfmyl, alkylsulfonyl, haloalkylthio, haloalkylsulfinyl, haloalkylsulfonyl, alkylureyl or arylureyl groups; Ar = (substituted) pyridyl, pyrimidinyl, pyrazinyl, pyridazinyll, were prepared for the treatment of metabolic-related disorders, including dyslipidemia, atherosclerosis, coronary heart disease, insulin resistance, type 2 diabetes, Syndrome-X and the like (no data). Thus, nicotinyl chloride, 2-methyl-5-propyl-2,4-dihydropyrazol-3-one, and Ca(OH)2 were heated at 90° in dioxane for 2 h. to give (5-hvdroxv-1-methvl-3-propvl-1H-pvrazol-4-vl)pvridin-3-vlmethanone. I may be used in combination with other active agents such a-glucosidase inhibitors, aldose reductase inhibitors, biquanides, HMG-CoA reductase inhibitors, squalene synthesis inhibitors, fibrates, LDL catabolism enhancers, angiotensin converting enzyme inhibitors, and insulin secretion enhancers. 49562-28-9, Fenofibrate 83480-29-9, Voglibose

Mathematical Mathematical

RN 49562-28-9 CAPLUS

N Propanoic acid, 2-[4-(4-chlorobenzoyl)phenoxy]-2-methyl-, 1-methylethyl ester (CA INDEX NAME)

RN 83480-29-9 CAPLUS

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 08:42:31 ON 07 AUG 2009)

FILE 'REGISTRY' ENTERED AT 08:42:53 ON 07 AUG 2009

E FENOFIBRATE/CN

L1 1 S E3

E VOGLIBOSE/CN L2 1 S E3

FILE 'CAPLUS' ENTERED AT 08:43:25 ON 07 AUG 2009

L3 8 S L1 AND L2 AND PY<=2005

=> logoff hold

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 48.86 64.36 DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL ENTRY SESSION CA SUBSCRIBER PRICE -6.56 -6.56

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:45:16 ON 07 AUG 2009